

FIG. 1

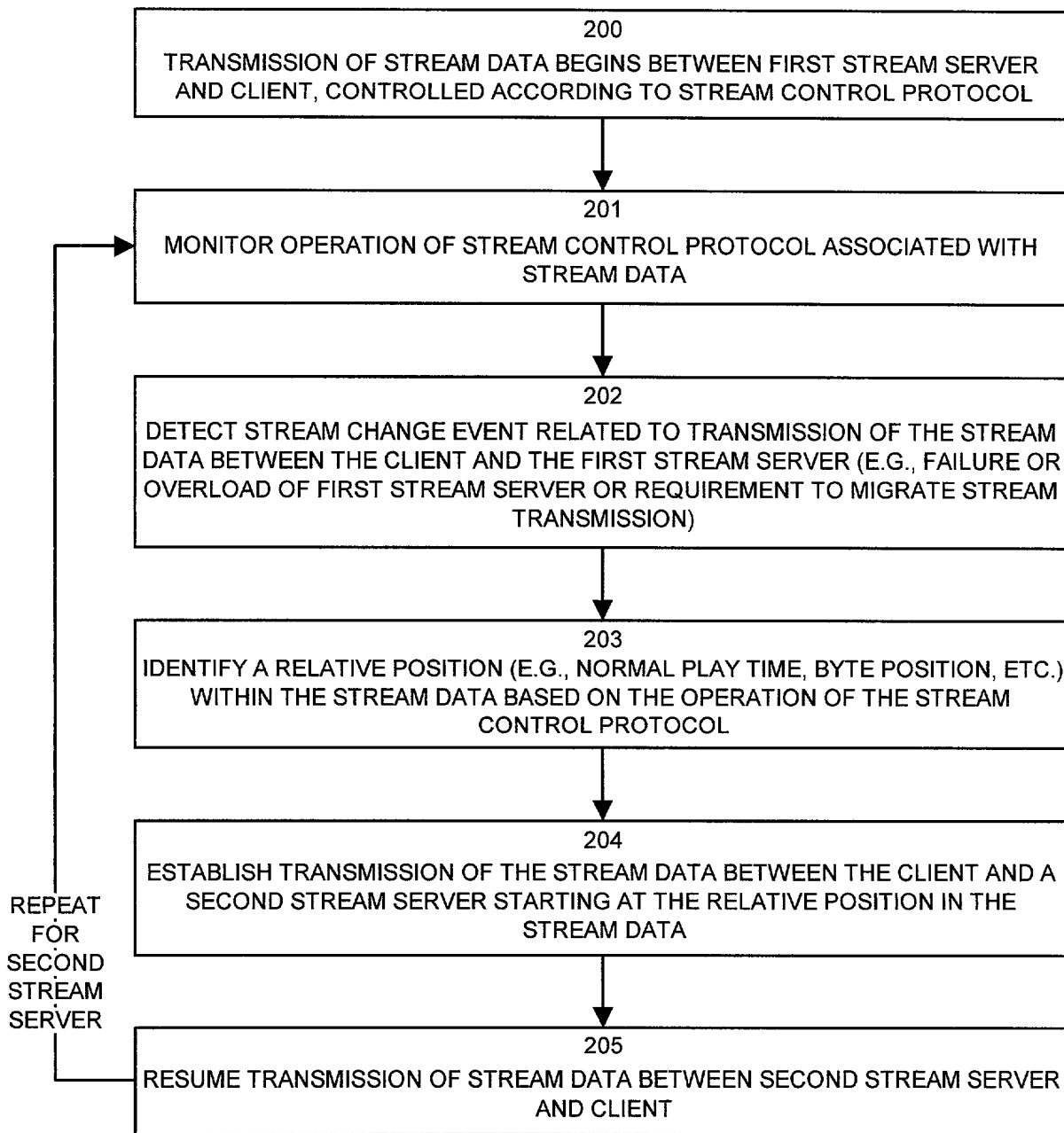


FIG. 2

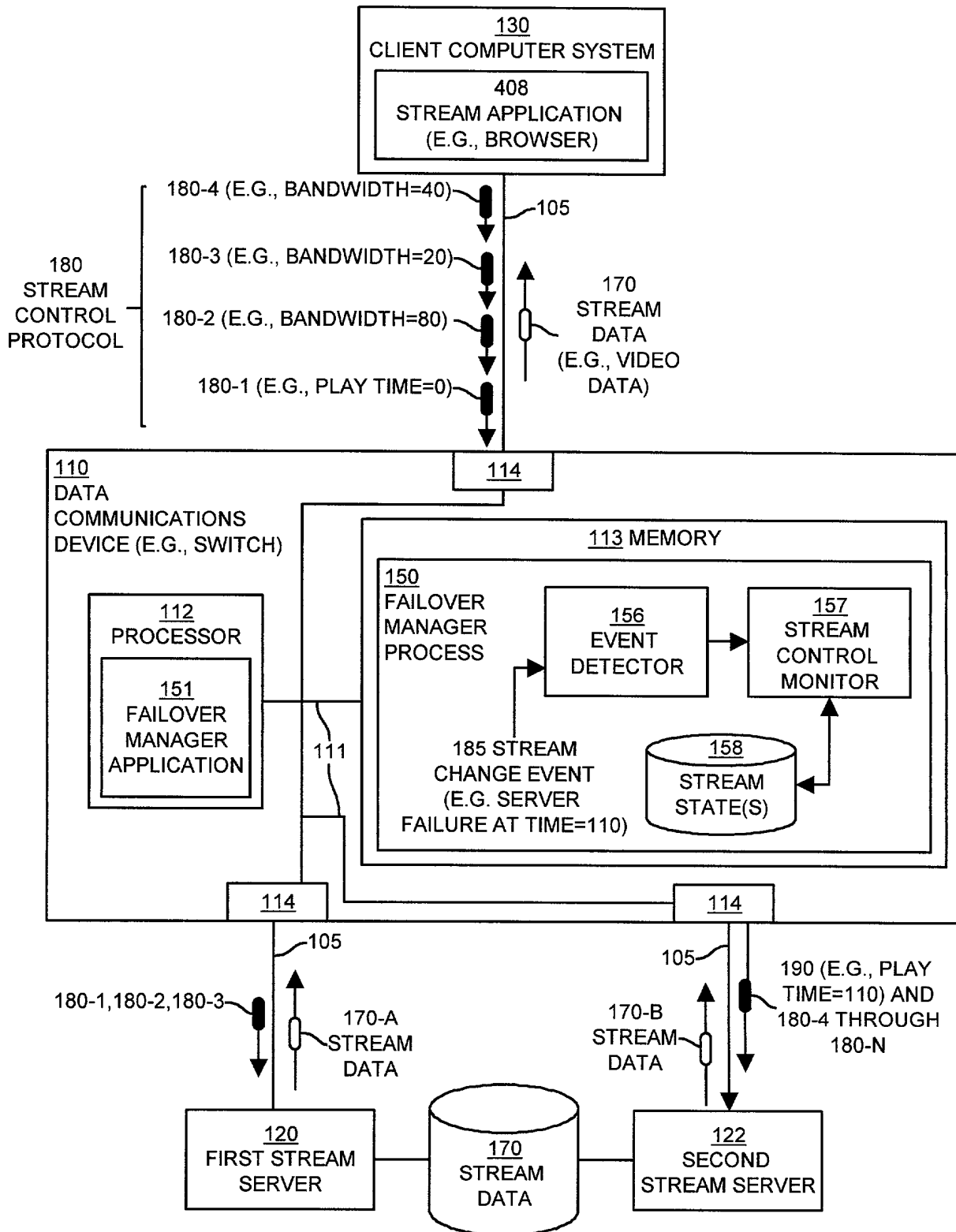


FIG. 3

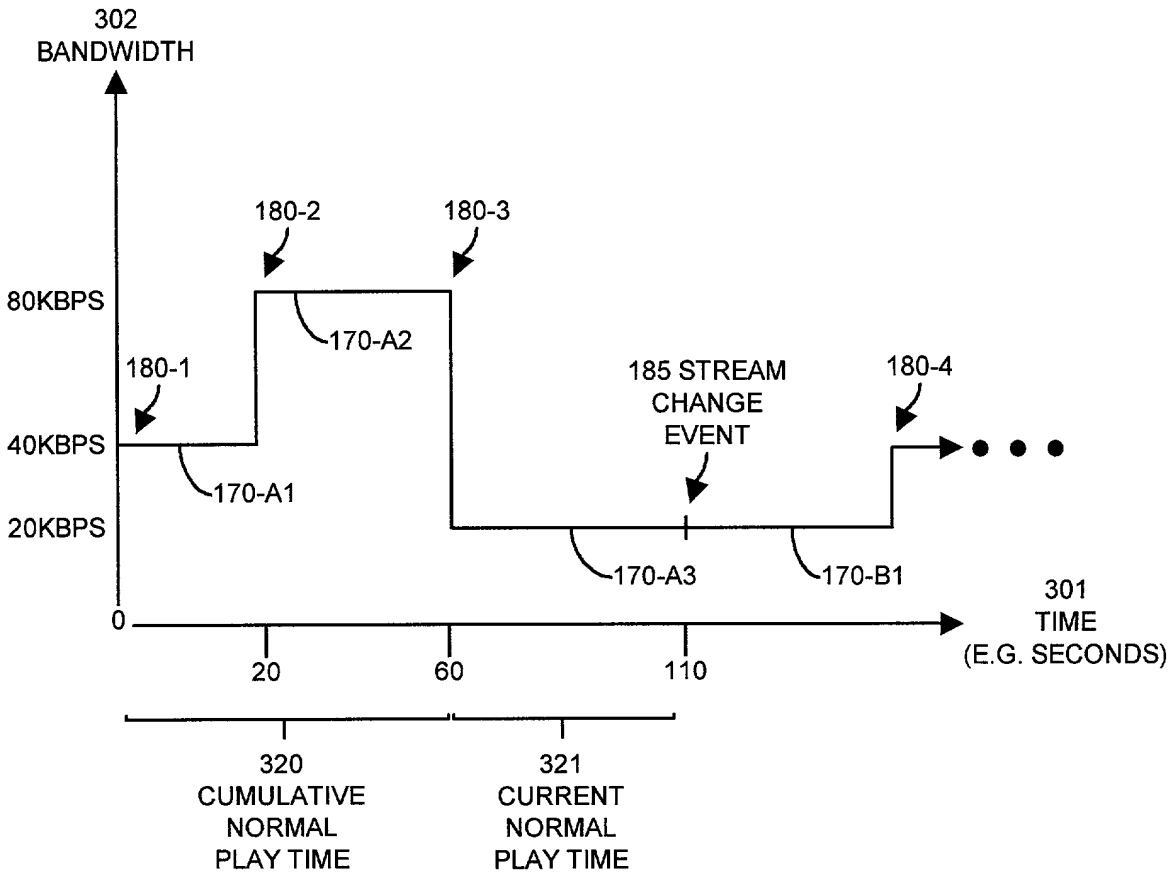


FIG. 4

401  
MONITOR OPERATION OF THE STREAM CONTROL PROTOCOL ASSOCIATED WITH THE  
STREAM DATA TRANSMITTED BETWEEN THE CLIENT AND THE FIRST STREAM SERVER

402  
INTERCEPT A STREAM ADJUSTMENT MESSAGE (I.E., CURRENT) OF THE STREAM  
CONTROL PROTOCOL (E.G., REAL TIME DATA TRANSFER PROTOCOL), THE  
STREAM ADJUSTMENT MESSAGE INDICATING AN ADJUSTMENT (E.G., PLAY AT  
OFFSET, BANDWIDTH CHANGE, ETC.) TO A TRANSMISSION CHARACTERISTIC OF  
THE STREAM DATA (E.G., REAL TIME DATA)

403  
UPDATE A STREAM STATE ASSOCIATED WITH THE STREAM DATA BASED ON THE  
STREAM ADJUSTMENT MESSAGE

404  
CALCULATE A CURRENT AMOUNT OF STREAM DATA TRANSMITTED BETWEEN  
THE CLIENT AND THE FIRST STREAM SERVER FROM A TIME BETWEEN  
RECEIPT OF A FORMER STREAM ADJUSTMENT MESSAGE AND RECEIPT OF  
THE CURRENT STREAM ADJUSTMENT MESSAGE (WHILE ACCOUNTING FOR  
OVERHEAD CONDITIONS IN THE STREAM DATA)

405  
CALCULATE A CURRENT NORMAL PLAY TIME ASSOCIATED WITH THE STREAM  
DATA BASED ON THE CURRENT AMOUNT OF STREAM DATA AND A VALUE OF  
A BANDWIDTH ADJUSTMENT OF THE FORMER STREAM ADJUSTMENT  
MESSAGE

406  
ADD THE CURRENT NORMAL PLAY TIME TO A CUMULATIVE NORMAL  
PLAYTIME MAINTAINED WITHIN THE STREAM STATE ASSOCIATED WITH THE  
STREAM DATA

407  
STORE CUMULATIVE NORMAL PLAY TIME IN THE STREAM STATE ASSOCIATED  
WITH THE STREAM DATA

FIG. 5

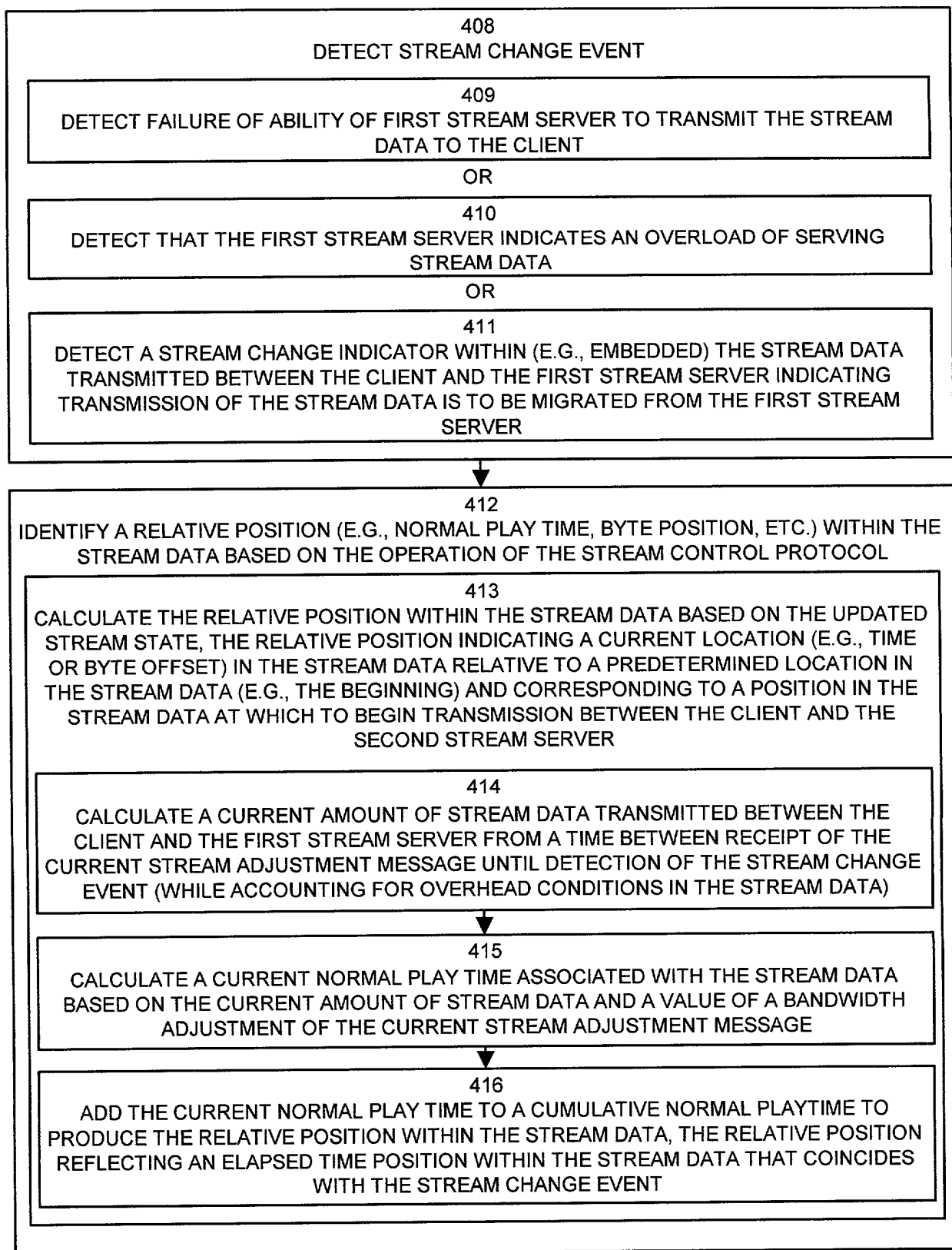


FIG. 6

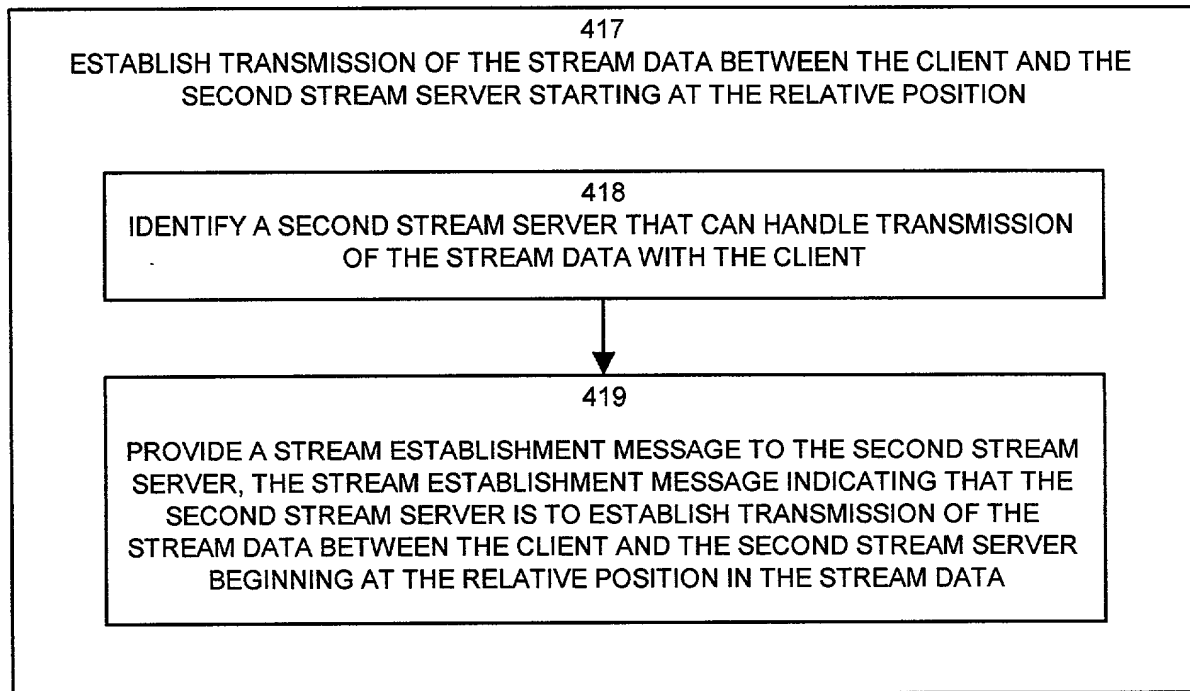


FIG. 7